

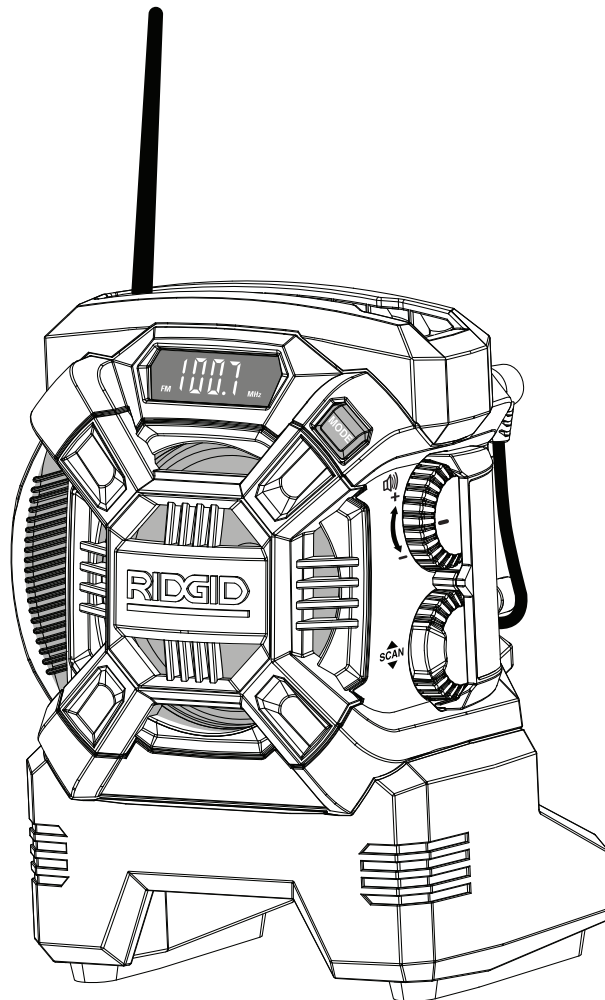


OPERATOR'S MANUAL

18 VOLT/24 VOLT

MINI RADIO

R84081



**NEW 24 V LITHIUM-ION BATTERY PACKS
MUST BE CHARGED BEFORE FIRST USE**

Your mini radio has been engineered and manufactured to our high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.



WARNING:

To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for buying a RIDGID® product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

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INTRODUCTION

This product has many features for making its use more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

GENERAL SAFETY RULES

IMPORTANT SAFETY INSTRUCTIONS

WARNING!

READ THESE INSTRUCTIONS. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

KEEP THESE INSTRUCTIONS

HEED ALL WARNINGS

FOLLOW ALL INSTRUCTIONS

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Do not operate products in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Products create sparks which may ignite the dust or fumes.

ELECTRICAL SAFETY

- **A battery operated product with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **Use battery operated product only with specifically designated battery pack.** Use of any other batteries may create a risk of fire.
- **Use battery only with charger listed.**

MODEL	BATTERY PACK (Li-ion)	CHARGER
R84081	24 V R85008 (130377001, 130377007)	24 V R85009 (140315001)
	18 V R84008 (130383002, 130383010) R840084	R840091 (140276006)
	BATTERY PACK (Ni-Cd)	
	130254003, 130254007, 130252004	
	130254003, 130254007, 130252004	140276003 140276004

PERSONAL SAFETY

- **Do not use on a ladder or unstable support.** Stable footing on a solid surface enables better control of the product in unexpected situations.

- **Disconnect battery pack from product or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the product.** Such preventive safety measures reduce the risk of starting the product accidentally.

PRODUCT USE AND CARE

- **Do not use product if switch does not turn it on or off.** A product that cannot be controlled with the switch is dangerous and must be repaired.
- **When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause sparks, burns, or a fire.
- **Keep the radio and its handle dry, clean and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean the radio. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.
- **Do not use this apparatus near water.**
- **Clean only with dry cloth.**
- **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**
- **Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
- **Only use attachments/accessories specified by the manufacturer.**

SERVICE

- **Product service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.
- **When servicing a product, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.
- **Refer all servicing to qualified service personnel.** Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.





SPECIFIC SAFETY RULES

IMPORTANT SAFETY INSTRUCTIONS




- **Know your product.** Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this product. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- **Battery products do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery product or when changing accessories.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not place battery products or their batteries near fire or heat.** This will reduce the risk of explosion and possibly injury.
- **Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow.** A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- **Batteries can explode in the presence of a source of ignition, such as a pilot light.** To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- **Do not charge battery product in a damp or wet location.** Following this rule will reduce the risk of electric shock.
- **For best results, your battery product should be charged in a location where the temperature is more than 50°F but less than 100°F.** To reduce the risk of serious personal injury, do not store outside or in vehicles.
- **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.
- **To reduce the risk of personal injury and electric shock, the product should not be played with or placed where small children can reach it.**
- **To reduce the risk of electric shock, do not expose to water or rain.**
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan them these instructions also.

SYMBOLS

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Read The Operator's Manual	To reduce the risk of injury, user must read and understand operator's manual before using this product.
	Eye Protection	Always wear safety goggles or safety glasses with side shields, or a full face shield when operating this product.
	Safety Alert	Precautions that involve your safety.

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.



WARNING:

To avoid serious personal injury, do not attempt to use this product until you read thoroughly and understand completely the operator's manual. If you do not understand the warnings and instructions in the operator's manual, do not use this product. Call RIDGID® customer service for assistance.



WARNING:



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

SAVE THESE INSTRUCTIONS

FEATURES

PRODUCT SPECIFICATIONS

Radio Voltage	18 V / 24 V DC
FM Tuner	87.5 - 108.0 MHz
AM Tuner	520 - 1710 KHz

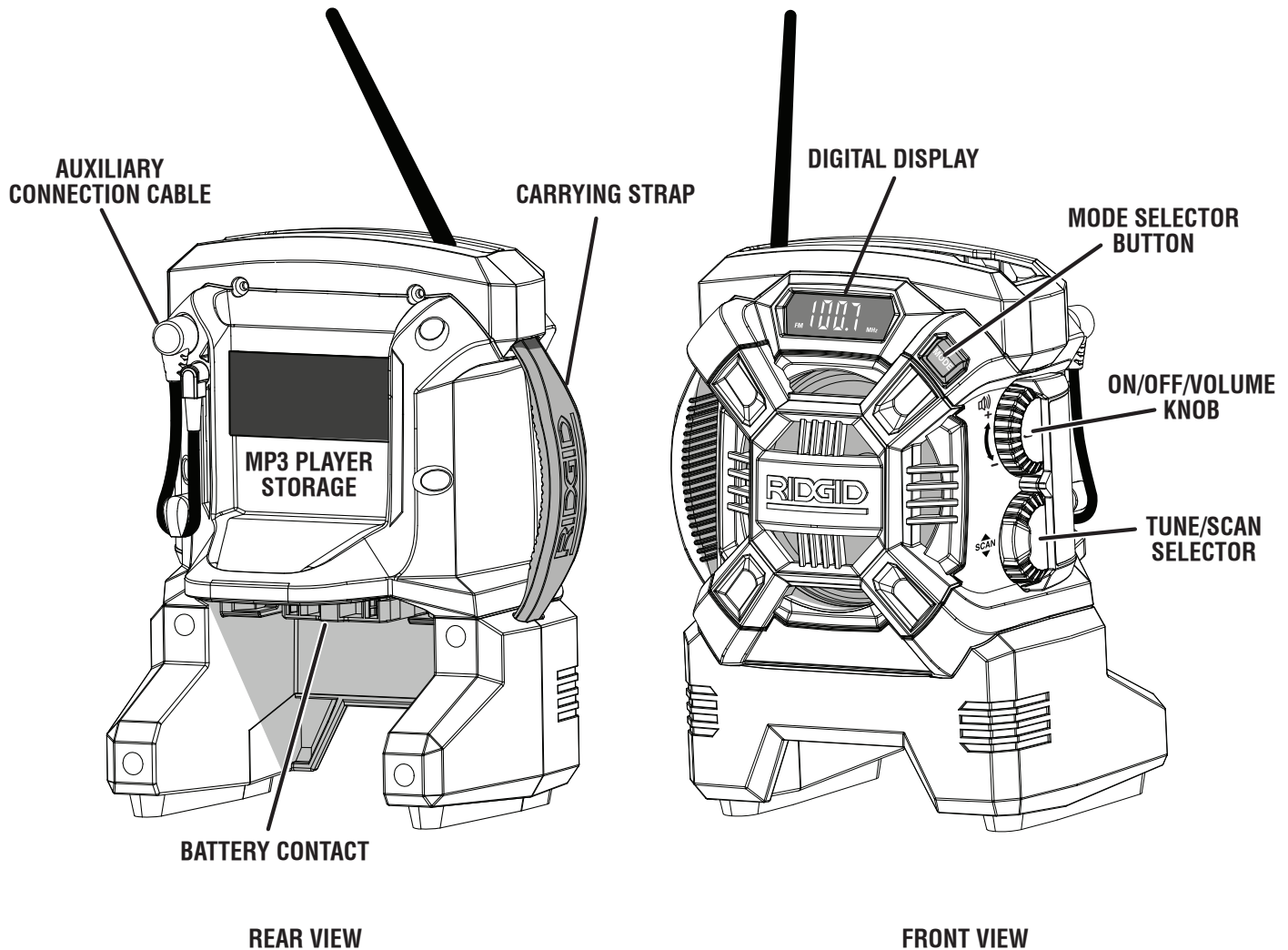


Fig. 1

KNOW YOUR MINI RADIO

See Figure 1.

The safe use of this product requires an understanding of the information on the product and in this operator's manual. Before use of this product, familiarize yourself with all operating features and safety rules.

AUXILIARY CONNECTION CABLE

You can connect MP3 players, CD players, and other audio devices to your radio using the auxiliary connection cable.

DIGITAL DISPLAY

The radio channel and low battery indicator can be viewed on the digital display, which illuminates when the radio is turned on.

CARRYING STRAP

There is a convenient carrying strap on the side of your radio.

MODE SELECTOR

Press the mode selector button to choose AM or FM stations, or AUX to use an MP3 player or other external .

MP3 PLAYER STORAGE

A storage area on the back of the radio holds small music devices such as MP3 players.

TUNE/SCAN SELECTOR

The tune/scan selector allows you to manually search through each FM radio channel or scan to receivable radio channels.

ASSEMBLY

UNPACKING

This product has been shipped completely assembled.

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.
- If any parts are damaged or missing, please call 1-866-539-1710 for assistance.

PACKING LIST

18 Volt / 24 Volt Radio

Operator's Manual



WARNING:

If any parts are damaged or missing do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.



WARNING:

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING:

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

OPERATION

This product will accept RIDGID 24 V lithium-ion battery packs, RIDGID 18 V lithium-ion battery packs and RIDGID 18 V nickel-cadmium battery packs.

For complete charging instructions, refer to the Operator's Manual for the battery packs and chargers listed in the General Safety Rules of this manual.

INSTALLING/REMOVING THE BATTERY PACK

See Figure 2.

- Place the battery pack in the radio, aligning the raised rib on the battery pack with the groove in the battery port.
- Make sure the latches on each side of the battery pack snap into place and the battery pack is secured to the radio before operation.
- Depress the latches on both sides of the battery pack to release and remove the battery pack.

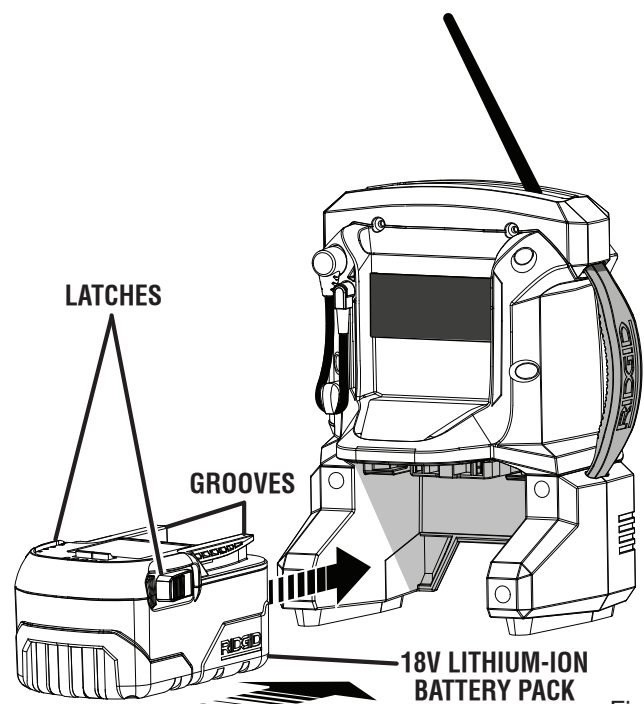


Fig. 2

OPERATION

ON/OFF/VOLUME

See Figure 3.

- Turn the **ON/OFF/VOLUME** knob clockwise to turn the radio on and increase volume.
- Turn the **ON/OFF/VOLUME** knob counterclockwise to decrease radio volume and to turn the radio off.

MODE SELECTOR BUTTON

See Figure 3.

Turn the radio **ON** and push the **MODE** button to the desired setting **FM**, **AM**, or **AUX**.

⚠ WARNING:

Battery products are always in operating condition. Therefore, the switch should always be in the **OFF** position when not in use or carrying at your side.

DIGITAL DISPLAY

See Figure 4.

The digital display on the front of the radio illuminates when the radio is switched **ON**, displaying the radio mode and frequency/channel setting. If the battery charge is low, a flashing low battery indicator will also be displayed.

NOTE: Charge battery when low battery indicator begins to flash. If the radio continues to operate with the low battery indicator flashing, the radio will drain the battery until the radio will no longer emit sound, and the backlight and LCD display will flash. To avoid deep discharge, remove the battery pack from the radio and charge immediately.

CHANNEL SELECTION

See Figure 5.

To change radio channels manually in AM or FM setting, use the **SCAN** selector.

- With the radio set to AM or FM, turn the **SCAN** selector clockwise or counterclockwise and quickly release to manually change radio channels one frequency at a time.
- To change radio channels using the **SCAN** feature, turn the **SCAN** selector clockwise or counterclockwise and hold for one second before releasing to directly skip to receivable radio channels.

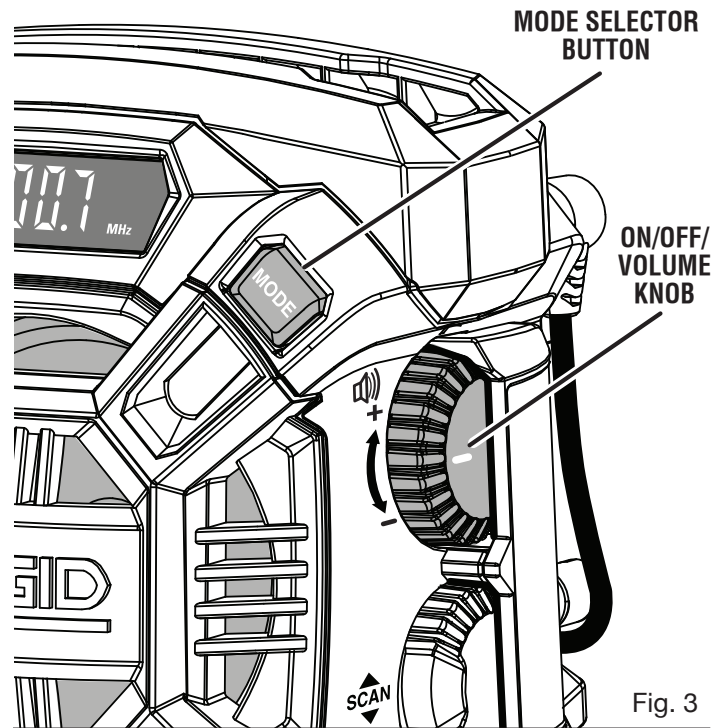


Fig. 3



Fig. 4

OPERATION

AUXILIARY MODE

See Figure 7.

The mini radio can be used as an amplifier for MP3 players, CD players, and other music devices.

To use auxiliary (AUX) mode:

- Push the **MODE** button to select **AUX** mode.
- Plug the auxiliary cable into the music device.
- Turn radio and music device **ON**.

NOTE: Adjust volume to desired level using either the radio or music device.

An MP3 player may be stored in the holder on the back of the radio.

When not in use, the auxiliary cable can be wrapped around the cord retainer and plugged into the storage port on the back of the radio.

NOTE: The auxiliary cable cannot be removed from the radio.

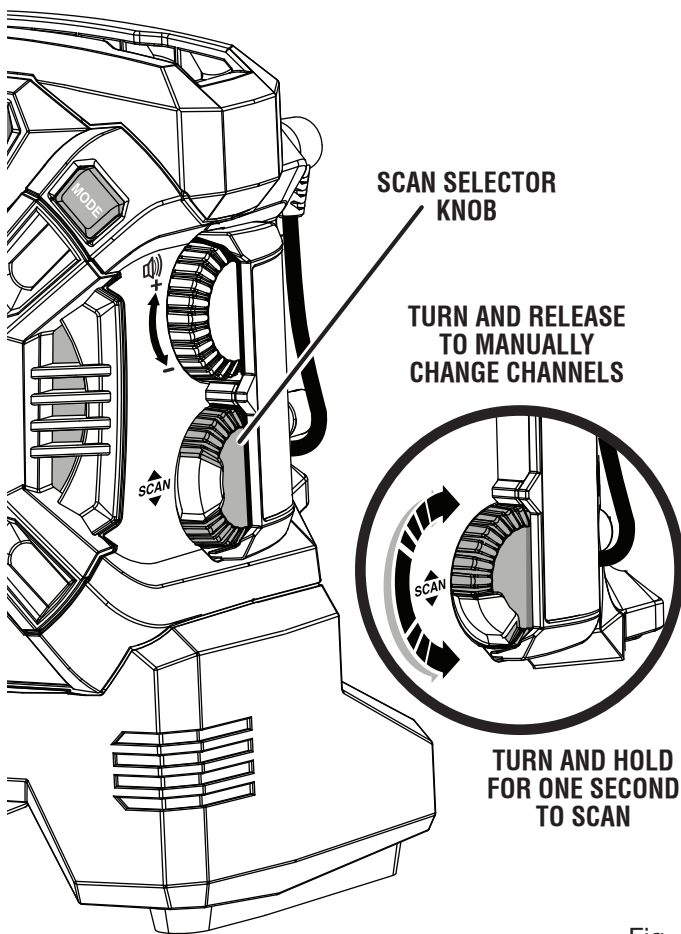


Fig. 5

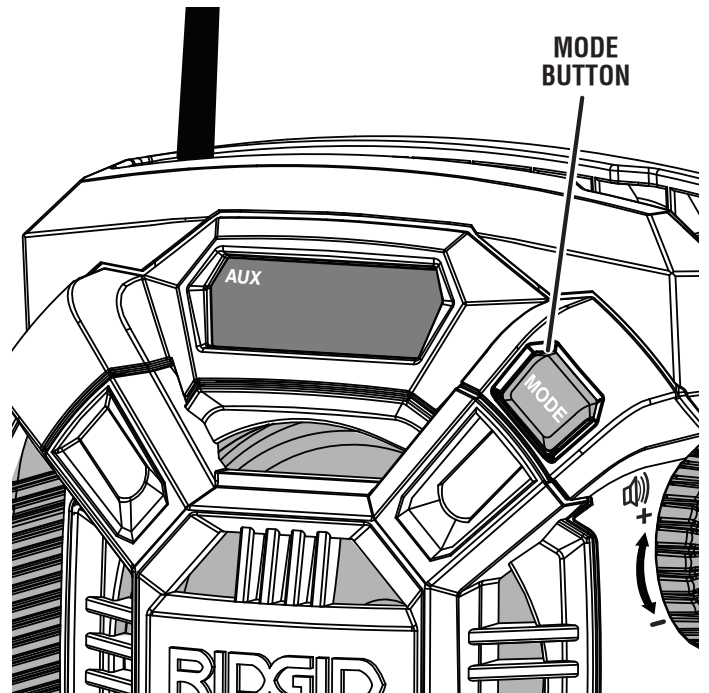


Fig. 6

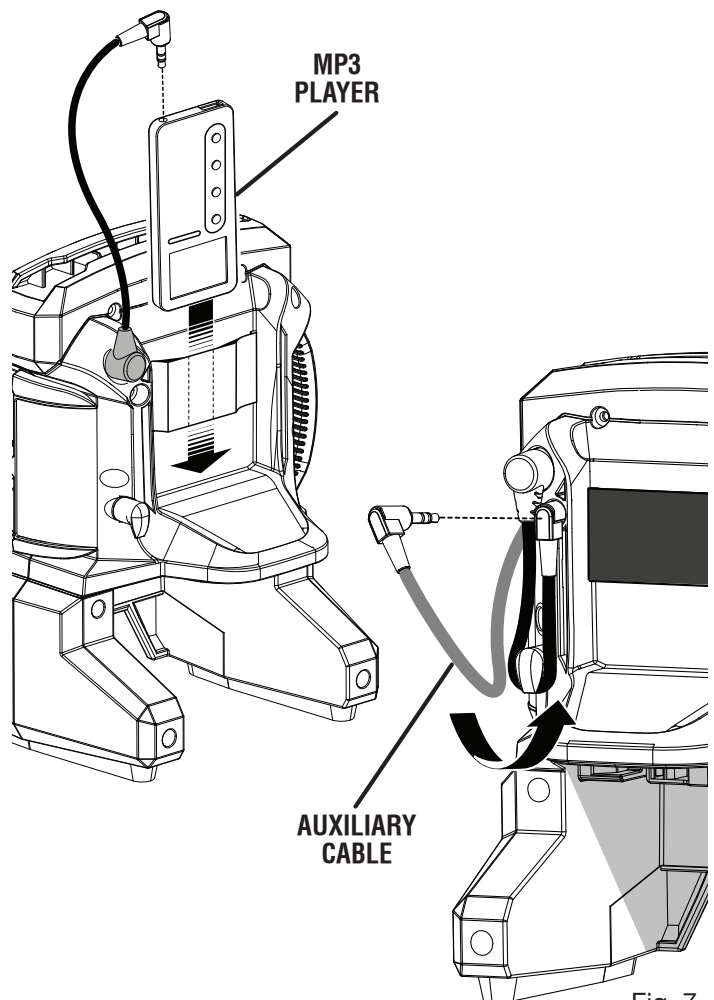


Fig. 7

MAINTENANCE

WARNING:

When servicing use only identical RIDGID® replacement parts. Use of any other parts may create a hazard or cause product damage.

WARNING:

Always wear safety goggles or safety glasses with side shields during power tool operation or when blowing dust. If operation is dusty, also wear a dust mask.

WARNING:

To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

WARNING:

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Only the parts shown on the parts list are intended to be repaired or replaced by the customer. All other parts should be replaced at a RIDGID authorized service center.

BATTERIES

This product will accept RIDGID 24 V lithium-ion battery packs, RIDGID 18 V lithium-ion battery packs and RIDGID 18 V nickel-cadmium battery packs.

The batteries for this tool have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

For lithium-ion batteries:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°F and away from moisture.
- Store battery packs in a 30%-50% charged condition.
- Every six months of storage, charge the pack as normal.

For nickel-cadmium batteries:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°F.
- Store battery packs in a “discharged” condition.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING



To preserve natural resources, please recycle or dispose of batteries properly.

This product uses lithium-ion or nickel-cadmium batteries. Local, state or federal laws may prohibit disposal of batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and/or disposal options.

WARNING:

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Lithium-ion and nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

WARRANTY

RIDGID® HAND HELD AND STATIONARY POWER TOOL 3 YEAR LIMITED SERVICE WARRANTY

Proof of purchase must be presented when requesting warranty service.

Limited to RIDGID® hand held and stationary power tools purchased 2/1/04 and after. This product is manufactured by One World Technologies, Inc. The trademark is licensed from RIDGID, Inc. All warranty communications should be directed to One World Technologies, Inc., attn: RIDGID Hand Held and Stationary Power Tool Technical Service at (toll free) 1-866-539-1710.

90-DAY SATISFACTION GUARANTEE POLICY

During the first 90 days after the date of purchase, if you are dissatisfied with the performance of this RIDGID® Hand Held and Stationary Power Tool for any reason you may return the tool to the dealer from which it was purchased for a full refund or exchange. To receive a replacement tool you must present proof of purchase and return all original equipment packaged with the original product. The replacement tool will be covered by the limited warranty for the balance of the 3 YEAR service warranty period.

WHAT IS COVERED UNDER THE 3 YEAR LIMITED SERVICE WARRANTY

This warranty on RIDGID® Hand Held and Stationary Power Tools covers all defects in workmanship or materials and normal wear items such as brushes, chucks, motors, switches, cords, gears and even cordless batteries in this RIDGID® tool for three years following the purchase date of the tool. Warranties for other RIDGID® products may vary.

HOW TO OBTAIN SERVICE

To obtain service for this RIDGID® tool you must return it; freight prepaid, or take it in to an authorized service center for RIDGID® branded hand held and stationary power tools. You may obtain the location of the authorized service center nearest you by calling (toll free) 1-866-539-1710 or by logging on to the RIDGID® website at www.ridgid.com. When requesting warranty service, you must present the original dated sales receipt. The authorized service center will repair any faulty workmanship, and either repair or replace any part covered under the warranty, at our option, at no charge to you.

WHAT IS NOT COVERED

This warranty applies only to the original purchaser at retail and may not be transferred. This warranty only covers defects arising under normal usage and does not cover any malfunction, failure or defect resulting from misuse, abuse, neglect, alteration, modification or repair by other than an authorized service center for RIDGID® branded hand held and stationary power tools. Consumable accessories provided with the tool such as, but not limited to, blades, bits and sand paper are not covered.

RIDGID, INC. AND ONE WORLD TECHNOLOGIES, INC. MAKE NO WARRANTIES, REPRESENTATIONS OR PROMISES AS TO THE QUALITY OR PERFORMANCE OF ITS POWER TOOLS OTHER THAN THOSE SPECIFICALLY STATED IN THIS WARRANTY.

ADDITIONAL LIMITATIONS

To the extent permitted by applicable law, all implied warranties, including warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, are disclaimed. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, that cannot be disclaimed under state law are limited to three years from the date of purchase. One World Technologies, Inc. and RIDGID, Inc. are not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

One World Technologies, Inc.

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Pickens, SC 29671



Model No. R84081

Serial No. _____